

B1
determining from said received power control command a parameter representative of the quality with which the power control command is received at the first station; and

controlling the power at which the first station transmits signals based on the determination step.

4. (AMENDED) A method as claimed in claim 1, wherein said first station is arranged to transmit signals to a plurality of second stations, each of said second stations transmitting a power control commands to said first station.

5. (AMENDED) A method as claimed in claim 3, wherein the method further comprises the step of selecting one of said determined transmitted values in accordance with a predetermined criteria.

B2
6. (AMENDED) A method as claimed in claim 1, wherein said transmitted power control command comprises one of a first value indicating that the power should be increased and a second value indicating that the power should be decreased.

7. (AMENDED) A method as claimed in claim 5, wherein said predetermined criteria is to select the second value if at least one of said determined transmitted values is the second value.

8. (AMENDED) A method as claimed in claim 5, wherein said predetermined criteria is to select the first value if all of the determined transmitted values are the first value.

9. (AMENDED) A method as claimed in claim 6, wherein said threshold value is between said possible received values representative of the transmitted first and second values.

10. (AMENDED) A method as claimed in claim 9, wherein said threshold value is such that one of the transmitted power command values is favored over the other.

11. (AMENDED) A method as claimed in claim 10, wherein first value is favored over the second value.

12. (AMENDED) A method as claimed in claim 6, wherein the first value is +1 and the second value is -1.

13. (AMENDED) A method as claimed in claim 12 when appended to claim 2, wherein the threshold value is in the range -0.6 to 0.

15. (AMENDED) A method as claimed in claim 1, further comprising the steps of receiving at the second station a signal from said first station, determining the strength of the received signal from the first station and determining from the strength of the received signal the power control command transmitted to the first station.

16. (AMENDED) A method as claimed in claim 5, said method comprising the steps of combining the received values of said received power control commands, comparing the combined value and the selected value and on the basis of the comparison selecting one of said combined value and the selected value and controlling the power which the first station transmits in accordance therewith.

17. (AMENDED) A method as claimed in claim 16, wherein the one of the combined value and the selected value which is closer to representing a predetermined one of said first and second transmitted values is selected.

19. (AMENDED) A method as claimed in claim 2, comprising the steps of: outputting a value based on a currently received power control command value and at least one previously received power control value; and comparing said output value and the selected value and on the basis of the comparison selecting one of said output

B4
value and the selected value and controlling the power which the first station transmits in accordance therewith.

B5
22. (AMENDED) A method as claimed in claim 1, wherein said second station is a base station.

23. (AMENDED) A method as claimed in claim 1, wherein said first station is a mobile station.

B6
28. (AMENDED) A method as claimed in claim 26, wherein the first station is arranged to transmit signals to a plurality of second stations, each of which second stations is arranged to transmit power control commands to said first station, said method further comprising the steps of determining the values of each of said received power control values and selecting one of said determined values in accordance with a predetermined criteria as the current received value.

B7
30. (AMENDED) A method as claimed in claim 27, wherein if the summed value crosses the threshold and the determined value of the received power is determined to represent a power increase, the power with which the first station transmits to second station is decreased.

31. (AMENDED) A method as claimed in claim 27, wherein if the summed value crosses the threshold and the determined value of the received power is determined to be represent a power increase, the power with which the first station transmits to second station is decreased and the summed value becomes a reset value.

32. (AMENDED) A method for controlling the power which a first station transmits signals to a second station comprising the steps of:

transmitting from the second station to the first station a power control command;

receiving said power control command at the first station;

B7
determining, using a plurality of different methods, power control information from said received power control command; and
controlling the power with which the first station transmits to the second station based on the determination step.

34. (AMENDED) A method as claimed in claim 32, wherein one of said plurality of different methods comprises the steps of determining from the received power control command a parameter representative of the quality with which the power control command is received at the first station, said parameter defining said power control information

B8
35. (AMENDED) A method as claimed in claim 32, wherein one of said plurality of different methods comprises the steps of determining the received values of a plurality of power control commands received at said first station from a plurality of second stations, combining the received values of the received power control commands to define said power control information.

36. (AMENDED) A method as claimed in claim any of claim 32, wherein one of said plurality of different methods comprises the steps of determining the received values of a plurality of power control commands received at said first station from said second station, providing power control information based the currently received power control command and at least one previously received power control command.
